

#### ABSTRACT OF THE DISCLOSURE

An ink comprising at least one dye in an aqueous medium, wherein the dye satisfies a relation of  $\epsilon_1/\epsilon_2 > 1.2$  wherein  $\epsilon_1$  represents a molar extinction coefficient obtained from absorbance at the maximum wavelength of a spectral absorption curve obtained by measuring an aqueous solution of the dye having a concentration of 0.1 mmol/liter using a cell having a light pass length of 1 cm and  $\epsilon_2$  represents a molar extinction coefficient obtained from absorbance at the maximum wavelength of a spectral absorption curve obtained by measuring an aqueous solution of the dye having a concentration of 0.2 mmol/liter using a cell having a light pass length of 5  $\mu\text{m}$ .